| In | dex | of | Clair | ns |
|----|-----|----|-------|----|
|    |     |    |       |    |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 09/876,782              | BANTA ET AL.                            |  |
| Examiner                | Art Unit                                |  |
| Dilek B. Cobanoglu      | 3626                                    |  |

|   | Rejected | - | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| : | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |                       |               |  |                |  |  | ı  | L              |              |                 |
|--|-----------------------|---------------|--|----------------|--|--|--|----------------|--------------|-----------------|
|  | <del></del>           |               |  |                |  |  |  |                |              | $\overline{}$   |
| Cla  | ıım                   | _             | Date   |                |  |  |  |                |              |                 |
| _  | Original              | _             |  |                |  |  |  |                |              | - 1             |
| Final  | gi                    | 2/7/07        |  |                |  |  |  |                |              | - 1             |
| üΞ   | Š                     | 2             |  |                |  |  |  |                |              | . 1             |
|  |                       | L             |  |                |  |  |  |                |              |                 |
|  | 1                     | 1             |  |                |  |  |  |                |              |                 |
|  | 2                     |               |  |                |  |  |  |                |              |                 |
|  | 3                     |               |  |                |  |  |  |                |              |                 |
|  | 4                     |               |  |                |  |  |  |                |              |                 |
|  | 5                     |               |  |                |  |  |  |                |              |                 |
|  | 2<br>3<br>4<br>5<br>6 | Т             |  |                |  |  |  |                |              |                 |
|  | 7                     | Г             |  |                |  |  |  | $\neg$         |              |                 |
|  | 8                     |               |  |                |  |  |  |                |              | $\neg$          |
| $\vdash$   | 9                     | m             | -  | $\vdash$       | $\vdash$   |  | П  |                |              | $\neg$          |
| <del></del>                                      | 10                    | 1             | <b>-</b>   | ┢═             | $\vdash$   |  | $\vdash$   |                |              | $\neg$          |
| <del></del>                                      | 11                    | ┢             |  | $\vdash$       | $\vdash$   | _  |  | -              |              | $\Box$          |
|  | 11<br>12              | $\vdash$      | t  | $\vdash$       | $\vdash$   | $\vdash$   | Н  | Н              |              | Н               |
|  | 13                    | $\vdash$      | <del>                                     </del> |                | _  | <del> </del>                                     |  | ш              |              | Н               |
| <del>                                     </del> | 13<br>14<br>15        | $\vdash$      | $\vdash$   | -              | ļ  | H  | H  | $\vdash$       | _            | Н               |
| $\vdash$   | 15                    | $\vdash$      | $\vdash$   | -              |  | -  | $\vdash$   | $\vdash$       | -            | Н               |
| <del> </del>                                     | 16                    | $\vdash$      | -  | $\vdash$       |  | <del>                                     </del> | Н  | Н              | -            | Н               |
| <u> </u>   | 16<br>17              | -             | $\vdash$   | $\vdash$       | $\vdash$   |  | -  | H              |              | Н               |
| <del> </del>                                     | 18                    | $\vdash$      | $\vdash$   | $\vdash$       | ├  | <del>                                     </del> | <del>                                     </del> | H              | -            | $\vdash \vdash$ |
|  | 18<br>19              | -             | ┢  | ⊢              | <del>                                     </del> |  |  |                |              | Н               |
| <u> </u>   | 20                    | ┢             | -  | -              | $\vdash$   | -  | -  | _              | H            | Н               |
| <u> </u>   | 20                    | ┢             | ├  |                | $\vdash$   | -  | -  |                | <u> </u>     | Н               |
|  | 21                    | -             | ├  | -              | ┢  | _  | -  | -              | $\vdash$     | Н               |
|  | 21<br>22<br>23        | -             | -  | ⊢              |  | -  | ⊢  | Н              |              | ├─┤             |
|  | 23                    | ┼             | -  | ┢              | ┢  | -  |  | $\vdash$       | ├            | $\vdash$        |
| -  | 24<br>25              | ╁             | -  |                | ⊢  | ├  | ┢  | ┝              | -            | $\vdash$        |
| -  | 26                    | 1             | -  | <del> </del> — |  | ╁  | ┢  | -              | ┝            | Н               |
|  | 27                    | 1             | ├  | ╁─             | ╁  | $\vdash$   | ╫  | -              |              | Н               |
|  | 28                    | 1             |  | ╂─             | -  | $\vdash$   | ├  | -              |              | Н               |
|  | 29                    | <del> `</del> | <del> </del>                                     | ⊢              | -  | ┢  | -  | H              | -            | $\vdash$        |
| -  | 30                    | ┼             | ┝  | ┢              | ├  | -  | ⊢  | -              |              |                 |
| <del> </del>                                     | 30                    | $\vdash$      | $\vdash$   |                | -  | $\vdash$   | $\vdash$   | ├-             | ├            | Н               |
|  | 31                    | ┼-            | ┼  | ⊢              | $\vdash$   | -  | -  | $\vdash$       | ⊢            | $\vdash$        |
|  | 32<br>33              | ├-            | ├  | $\vdash$       | 1  | ├  | $\vdash$   | $\vdash$       | -            | $\vdash$        |
|  | 33                    | -             | ├  | -              | $\vdash$   |  | $\vdash$   |                | $\vdash$     | $\vdash$        |
| <u> </u>   | 34                    | -             | 1  | -              | -  |  | ⊢  |                | -            | $\vdash$        |
| <u></u>  | 35                    | 1             | +  | <del> </del>   | <del> </del>                                     | -  | 1—   | <del> </del>   | -            | Н               |
|  | 36                    | ╁.            | ├  |                | ₩  | ├  | ┼  |                | $\vdash$     | $\vdash$        |
| <u> </u>   | 37                    | $\vdash$      | -  | <b> </b>       |  | ⊢  |  | -              | $\vdash$     | $\vdash$        |
|  | 38                    | ╁             | 1-   | 1              | -  | -  | ┼  | $\vdash$       | $\vdash$     | ⊢⊦              |
| <u> </u>   | 39                    | ₩             | $\vdash$   |                | ┾  | ┼-   | $\vdash$   | <del>  -</del> | ├            | $\vdash$        |
|  | 40                    | ┼             | $\vdash$   | $\vdash$       | $\vdash$   | ├-   | $\vdash$   | $\vdash$       | <del> </del> | $\vdash\vdash$  |
| $\vdash$   | 41                    | +             | $\vdash$   | <del> </del>   | +-   | ⊢  | +-   | ╁              | ├-           | Н               |
| $\vdash$   | 42                    | +-            | $\vdash$   |                | ╁  | +  | +-   | ├              | ├            | Н               |
| <del></del>                                      | 43                    | -             | +  | $\vdash$       | $\vdash$   | ┼  | +  | ╁              | $\vdash$     | -               |
| <u> </u>   | 44                    | ╀             | $\vdash$   | +-             | ╀  | -  | 1  | -              | ├            | $\vdash$        |
| <u> </u>   | 45                    | +             | +  | +-             | ┼  | $\vdash$   | $\vdash$   | $\vdash$       | +-           | +-              |
| <u> </u>   | 46                    | 1             | ╀  | ┼-             | $\vdash$   | 1  |  | -              | $\vdash$     | $\vdash$        |
| <u> </u>   | 47                    | ╁             | <del> </del>                                     | ╄              | ├-   | ╄  | -  | $\vdash$       | ├            | -               |
|  | 48                    | $\vdash$      | 1_   | 1              | <b>↓</b> _                                       | ↓_   | ╄  | <b>⊢</b>       | ├-           | $\vdash$        |
|  | 49                    | ╄             | ₩-   | ↓_             | ╀  | ⊢  | <b>↓</b> _                                       | ــ             |              | $\vdash$        |
| 1  | 1 50                  | 1             |  | 1              | 1  | 1  | 1  | 1              | 1            | 1               |

| Cla      | im       |              |                |          |          | ate      | <del></del>  |          |          | $\neg$   |
|----------|----------|--------------|----------------|----------|----------|----------|--------------|----------|----------|----------|
|          | _        |              |                |          |          |          |              |          |          |          |
| Final    | Original |              |                |          |          |          |              |          |          |          |
|          | 51       |              | _              |          |          |          |              |          |          |          |
|          | 52       |              |                |          |          |          |              |          |          |          |
|          | 53       |              |                |          |          |          |              |          |          |          |
|          | 54       |              |                |          |          |          |              |          |          |          |
|          | 54<br>55 | _            |                |          |          |          |              |          |          |          |
|          | 56       |              |                | _        |          |          |              |          |          |          |
|          | 57       |              |                |          |          |          |              |          |          |          |
|          | 58       |              | _              | _        |          |          |              |          |          |          |
|          | 59       |              |                |          |          |          |              |          |          |          |
|          | 60       |              |                |          |          |          |              |          |          |          |
|          | 61       |              |                |          |          |          |              |          |          |          |
|          | 62       |              |                |          |          |          |              |          |          |          |
|          | 63       |              |                |          |          |          |              |          |          |          |
|          | 64       |              |                |          |          |          |              |          |          |          |
|          | 65       |              |                | 匚        |          |          |              |          |          |          |
|          | 66       |              |                | _        | igsqcut  | L_       |              |          |          |          |
|          | 67       |              |                |          | _        |          |              |          |          |          |
|          | 68       |              |                |          |          | <u> </u> |              |          |          |          |
|          | 69       |              |                | _        |          |          | Щ            |          |          |          |
|          | 70       | _            | <u> </u>       | L.,      |          | <u> </u> |              |          |          |          |
|          | 71       |              |                |          |          |          |              |          | _        |          |
| <u> </u> | 72       |              | <u> </u>       | ļ        |          | <u> </u> |              |          |          |          |
| <u> </u> | 73       | _            | ┡              | ļ        | -        | _        |              | _        |          | <u> </u> |
|          | 74       | <u> </u>     | <u> </u>       | <u> </u> | -        | <u> </u> | -            |          | <u> </u> | _        |
|          | 75       |              | ├              | $\vdash$ |          |          | -            |          | $\vdash$ |          |
|          | 76<br>77 | ├-           | _              | $\vdash$ | -        | ├─       | <del> </del> | -        | ├-       | -        |
|          | 78       |              |                | $\vdash$ | -        | ┢        | $\vdash$     | -        | -        | ┢        |
| -        | 79       | -            |                | -        | <u> </u> | $\vdash$ | $\vdash$     | Н        | $\vdash$ |          |
| -        | 80       | $\vdash$     | <del>  .</del> | +-       |          | $\vdash$ | H            | $\vdash$ | ┢        | $\vdash$ |
| <b>—</b> | 81       | $\vdash$     | ┢              | 1        | $\vdash$ | t        |              | _        | _        |          |
| -        | 82       | -            | Т              | 一        | ┪        | -        |              | _        |          | Т        |
|          | 83       |              | -              | T        |          | <u> </u> | Г            | $\vdash$ |          |          |
| _        | 84       | ऻ            | 1              | T        | 1        | Τ_       | Г            | _        | <b> </b> | $\Box$   |
|          | 85       |              | Г              | Т        |          |          | 1            | T .      |          |          |
|          | 86       | Γ            | 1              | 1        |          |          |              |          |          |          |
|          | 87       | Г            | Ι.             |          |          |          |              |          |          |          |
|          | 88       |              |                |          |          |          |              |          |          | L.       |
|          | 89       | L            | _              |          |          |          | L            |          |          | L        |
|          | 90       |              | L              | 1_       | L        | <u> </u> | ┖            | L        | _        | <u> </u> |
| <u> </u> | 91       | _            | $\vdash$       | $\vdash$ | <u> </u> | ┞        | _            | <u> </u> | L        | <u> </u> |
|          | 92       | _            | <u> </u>       | ╀        | <u> </u> | ــ       | ┡            | i.       | <u> </u> | <u> </u> |
| -        | 93       | <del> </del> | $\vdash$       | +        | +-       | -        | ⊢            |          | ├        | +        |
| -        | 94       | ₩            | -              | +        | ⊢        | +-       | +            | -        | ⊢        | ⊢        |
| -        | 95<br>96 | ├-           | -              | ┼-       | ╁        | $\vdash$ | ╁            | -        | -        | $\vdash$ |
| -        | 97       | ╁            | ┼              | $\vdash$ | +-       | +        | +-           | -        | ⊢        | +        |
| -        | 98       | -            | $\vdash$       | +-       | $\vdash$ | $\vdash$ | †-           | $\vdash$ | +        | +        |
| -        | 99       | $\vdash$     | $t^{-}$        | T        | 1-       | †-       | $\vdash$     | $\vdash$ | t        | $\vdash$ |
|          | 100      | 1            | T              | †        | $t^-$    | T        | 1            | $\vdash$ | T        | $\vdash$ |
|          | ,        | <u>—</u>     | 1              |          |          | _        | -            |          |          | т-       |

|              |                   | —•       |          |   |              |  |              |          |          |          |
|--------------|-------------------|----------|----------|---|--------------|--|--------------|----------|----------|----------|
| Cla          | aim               | Date     |          |   |              |  |              |          |          |          |
| Final        | Original          |          |          |   |              |  |              |          |          |          |
|              | 101               |          |          |   |              |  |              |          |          |          |
|              | 102               |          |          |   |              |  |              |          |          |          |
|              | 103               |          |          |   |              |  |              |          |          |          |
|              | 104               | Ш        |          | _   |              | _  |              |          | Щ        | $\Box$   |
| ٠            | 105               |          |          |   | _            | _  |              | _        |          | $\Box$   |
|              | 106               |          |          |   | _            | <u> </u>   |              | _        | _        | $\dashv$ |
|              | 107<br>108        | -        |          | _   |              | <u> </u>   |              | _        |          |          |
|              | 109               |          | -        | ├   | <del> </del> | ⊢  | H            |          | _        | $\dashv$ |
|              | 110               | -        |          | $\vdash$                                  | ┢            | _  | <del> </del> |          |          | $\dashv$ |
|              | 111               |          |          | <del> </del>                              |              | $\vdash$   | ┢            | ┢        | _        | Н        |
|              | 112               | $\vdash$ |          |   | $\vdash$     | $\vdash$   |              |          | П        |          |
|              | 112<br>113        |          |          |   |              |  |              |          |          |          |
|              | 114               |          |          |   |              |  |              |          |          |          |
|              | 115<br>116        |          |          |   |              |  |              |          |          |          |
|              | 116               |          |          | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | L            | _  | <u> </u>     | L        |          | Ш        |
|              | 117               |          |          | _   | <u> </u>     | <u> </u>   | ļ            | <u> </u> | <u> </u> | $\sqcup$ |
|              | 118<br>119        |          |          | _   |              | -  | -            | <u> </u> | <u> </u> |          |
|              | 119               | -        |          | -   | ┡            | -  | -            |          | ┝        | $\vdash$ |
|              | 120<br>121        | -        |          | ⊢   |              | -  | -            | $\vdash$ | -        | $\vdash$ |
|              | 122               |          | -        | ⊢   | -            | -  | ├            | -        | ├-       | Н        |
|              | 123               | ┢        |          | ╁╾  | $\vdash$     | -  | ┢            | -        | ├        | Н        |
|              | 123<br>124<br>125 | ╁        | ┢        | <u> </u>                                  | ╁            | <del>                                     </del> | $\vdash$     |          |          | Н        |
|              | 125               |          | -        |   | ┢            | $\vdash$   |              |          | $\vdash$ | Н        |
|              | 126               | Г        | Г        | Г   | T            |  | T            |          |          |          |
|              | 127               |          |          |   |              |  |              |          |          |          |
|              | 126<br>127<br>128 |          |          |   |              |  |              |          |          |          |
|              | 129               |          |          |   | L            |  |              |          | _        |          |
|              | 130               | _        |          |   | _            | L_   | ┖            | L-       | <u> </u> | Щ        |
|              | 131<br>132        |          | <u> </u> | ┞-  | ┞            | ╙  | <u> </u>     | <u> </u> | ļ        |          |
|              | 132               | ├        | <u> </u> | ⊢   | -            | ╄  | -            | ├-       | <u> </u> |          |
|              | 133               | ₩        | ⊢        | ┢   |              | -  | ⊢            | -        | -        | Н        |
|              | 134<br>135        | ╁╌       | ┝        | -   | -            | +-   | ╁            | $\vdash$ | ┼─       | -        |
|              | 136               | ╁        | $\vdash$ | ├   | ├─           | $\vdash$   | $\vdash$     | +-       | 1        | H        |
|              | 137               |          | ┢        | †   | t            | t  | ⇈            | Т        |          | $\vdash$ |
|              | 138               | 1        | Г        | T   | T            | Τ  | 1            | T        | T        |          |
|              | 139               | 1        |          |   |              |  |              | Ī        |          |          |
|              | 140               |          |          |   |              |  |              |          |          |          |
|              | 141               |          | <u> </u> | ┖   | <u> </u>     |  |              | _        | <u> </u> |          |
|              | 142               | igspace  | Ļ        | <u> </u>                                  | ↓_           | $\perp$  | $\perp$      | ↓_       | ↓_       | <u> </u> |
|              | 143               | $\vdash$ | $\vdash$ | ╀-  | 1            |  |              | 1        | $\vdash$ | $\vdash$ |
|              | 144               | ┼-       | $\vdash$ | $\vdash$                                  | <b>├</b> -   | +-   | $\vdash$     | $\vdash$ | $\vdash$ | ┼        |
| <u> </u>     | 145<br>146        | ┼        | +-       | ╁   | ╁            | ╁  | +            | ╁        | ╁        | ╁        |
| <u> </u>     | 146               | +        | $\vdash$ | ╀   | ╁╴           | +  | +-           | +-       | +        | ┼        |
|              | 148               | +-       | -        | 十   | +            | +  | +            | ╁        | $\vdash$ | +-       |
| <del> </del> | 149               | +-       | t        | ╁┈  | t            | +  | +-           | †-       | +        | $\vdash$ |
| $\vdash$     | 150               | +        | t        | 1   | †-           |  | +            | 十        | T        | 1        |
|              |                   |          | 1        | -1  |              |  |              |          |          |          |